Acceptance Testing for Density Bituminous Mixes

Airport: _____ Illinois Project: _____

Date Laid: _____ Federal Project: _____

Lot Quantity: _____ Outlier:( )Yes ( )No Mix Design(s) Number: _____

1. Test Data

Lot-Sublot No.	Station	Rt.-Lt.	Air Voids
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Mean ($\overline{X}$) _____ **Standard Deviation (S)** _____

2. Quality Indexes   [(L) = lower, (U) = upper]

Q(L) = ($\overline{X}$ - 1)/S   = _____   Q(U) = (7 - $\overline{X}$)/S = _____

3. Percent Within Limits   [(L) = lower, (U) = upper]

PWL = [PWT(L) + PWT(U)] - 100   PWL = (_ _ _ +_ _ _) -100

Note: PWT(L) and PWT(U) are obtained from table 8

PWL = (_____ + _____)-100

PWL = _____

4. Pay Adjustment   (TABLE 7)

PWL of Lot	% Adjustment	
90-100	100	
80-89.9	0.5(PWL) + 55.0	→ _____
65-79.9	2.0(PWL) - 65.0	
Below 64.9	Note 1/ of Spec.	

5. Adjustment in Quantities (= % Adjustment x Lot Quantities)

Adjustment in Quantities = _____ x _____ = _____

Resident Engineer: _____

Contractor: _____

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